



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
 AFFAIRS (PERA)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Sealoflex Waterproofing Systems Inc.
2516 Oscar Johnson Dr.
Charleston, SC 29405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA – Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Sealoflex Roof System over Concrete Deck

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 09-0303.02 and consists of pages 1 through 16.

The submitted documentation was reviewed by Jorge L. Acebo



NOA No.: 12-0227.04
 Expiration Date: 05/02/17
 Approval Date: 04/26/12
 Page 1 of 16

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Liquid Applied Roof Systems
Deck Type:	Concrete
Material:	Elastomeric
Maximum Design Pressure	-475 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Sealoflex Pink®	1 or 5 gal.	ASTM D6083	Base liquid coat.
Sealoflex Finish Coat™	1 or 5 gal.	ASTM D6083	Top waterproofing coating.
Sealoflex Pink CT™	1 or 5 gal.	ASTM D6083	Solvent borne, foundation coat.
Sealoflex CT™	1 or 5 gal.	ASTM D6083	Solvent borne, single components roof coating.
Sealoflex Fabric™ or Sealoflex Deck Fabric™		Proprietary	Non-woven polyester reinforcing fabric for use in the Sealoflex roof system.
Cemflex™ Concentrate	1 or 5 gal.	TAS 114	Additive used to produce Cemflex Slurry, a base liquid coat for use over concrete substrates.
Metal Etch Primer™	1 or 5 gal.	Proprietary	Primer for all unprotected metal surfaces.
Sealobond Primer WB™	1 or 5 gal	Proprietary	Primer for use over painted concrete, wood or steel, or unpainted masonry substrates.
Sealoment Plus™	50# bags	Proprietary	Primer for concrete or lightweight concrete.
Dampseal 101™	1 gal. or 1 quart kits	Proprietary	Two component epoxy primer for use over concrete.
Sealoflex Buttergrade™	1 gal or 5 gal.	Proprietary	Trowellable waterborne paste for surfacing irregular substrates.
Sealopatch™	50 lb. bags	Proprietary	Portland cement based single component thixotropic patching and repair mortar.
Corabase Onepack™	50# bags	Proprietary	Polymer modified portland cement powder used as a tile adhesive.
Sealoflex Flashing Grade™	1 or 5 gal.	Proprietary	Trowellable or brushable waterborne paste.
Wearcoat™	1 or 5 gal.	Proprietary	Liquid applied emulsion coating (available in smooth or non-skid version containing aggregate) for pedestrian traffic surfaces.
Coraflex™	1 or 5 gal.	Proprietary	Liquid applied, water dispersed, resin based coating for pedestrian traffic surfaces.



APPROVED INSULATIONS:

TABLE 2		
<u>Product Name</u>	<u>Product Description</u>	<u>Manufacturer</u> (With Current NOA)
ACFoam II, ACFoam III	Polyisocyanurate foam insulation	Atlas Energy Products
H-Shield	Polyisocyanurate Insulation	Hunter Panels, LLC
ISO 95+ GL	Polyisocyanurate Insulation	Firestone Bldg. Products
Multi-Max FA-3	Polyisocyanurate Insulation	RMAX Operating, LLC
ENRGY 3	Polyisocyanurate foam insulation	Johns Manville Corp.
DensDeck	Fire resistant rated gypsum	Georgia-Pacific Gypsum LLC
High Density Wood Fiberboard	Non-Asphaltic fiberboard Insulation	Generic
XPS	Type IV Extruded polystyrene with a minimum density of 1.6 pcf	Generic
EPS	Type IX Expanded polystyrene with a minimum density of 1.8 pcf	Generic

APPROVED FASTENERS:

TABLE 3				
<u>Fastener #</u>	<u>Product</u>	<u>Description</u>	<u>Dimensions</u>	<u>Manufacturer</u> (With current NOA)
1.	DekFast #14	#14 Fastener for steel, wood or concrete	#14 dia. x 12” max. length	SFS Intec, Inc.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Dynatech Engineering Corp.	4211-12.94-2	TAS 114 D	12/18/94
	4213.04.95-1	TAS 114 H	04/01/95
Exterior Research & Design, LLC.	#7050.02.96-1	TAS 114 H	03/01/96
	#4210.04.96-1	TAS 114 H	05/28/96
	#4451.11.95-1	TAS 114 H	11/14/95
	#4213.07.97-1	TAS 114 D	07/15/97
	#4213.09.00-1	TAS 114	10/20/00
	4235.05.05-2	TAS 114	06/01/05
	4235.05.05-1	TAS 114 D/ TAS 114 J	08/31/05
	#4223.02.03	TAS 114 H	02/27/03
	4210.06.02	TAS 114	06/17/02
	4234.10.05	TAS 114	10/20/05
Intertek Testing Services NA, Inc.	Job No. J97017119	ASTM E 108	01/12/98
Celotex Testing Center, Inc.	MTS Job No. 258211	TAS 143	05/20/98
Trinity ERD	S35600.11.11	ASTM D6083	11/22/11
	S30750.03.10	ASTM D6083	03/24/10
	S12420.02.10-2-R1	ASTM D6083/TAS 114 H	04/02/10
PRI Asphalt Technologies	SOF-007-02-01	ASTM D6083	07/14/04
Factory Mutual Research Corp.	3015470	TAS 114	04/29/04



NOA No.: 12-0227.04
 Expiration Date: 05/02/17
 Approval Date: 04/26/12
 Page 3 of 16

APPROVED ASSEMBLIES:

Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(1): Insulation adhered with approved asphalt.

All General and System Limitations apply.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft ²
ACFoam II Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft ²
DensDeck Minimum: ¼" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -350 psf. (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(2): Insulation adhered with approved asphalt.

All General and System Limitations apply.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft²
ACFoam II Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
Approved High Density Wood Fiber Board Minimum: 1/2" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.

Membrane: Sealoflex Pink[®] at 40 ft²/gal followed by Sealoflex Fabric[™] or Sealoflex Deck Fabric[™] with 3" overlaps followed by a saturation coat of Sealoflex Pink[®] and, upon drying, two coats of Sealoflex Finish Coat[™] or Sealoflex CT[™] at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat[™] at a rate of 90 ft²/gal or Coraflex[™] at a rate of 20 ft²/gal.

Maximum Design Pressure: -475 psf. (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(3): Insulation adhered with approved asphalt.

All General and System Limitations apply.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft²
ACFoam II Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
DensDeck Minimum: ¼" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink™ CT at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink™ CT and, upon drying, two coats of Sealoflex CT™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -267.5 psf. (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(4): Insulation adhered with approved adhesive.

All General and System Limitations apply.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft²
ACFoam II Minimum 1.5" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
DensDeck Prime Minimum ¼" thick	N/A	N/A
Approved High Density Wood Fiber Board Minimum: ½" thick	N/A	N/A

Note: All insulation shall be adhered with Insta-Stik Insulation Adhesive applied in ¾ in. to 1 in. wide beads spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -135 psf; (for Dens Deck application) (See General Limitation #9)
-105 psf; (for Wood Fiberboard application) (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(5): Insulation adhered with approved asphalt.

All General and System Limitations apply.

Base or Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft ²
ACFoam II, H-Shield, Multi-Max FA-3 or ENRGY 3 Minimum: 1.5" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels used as a top layer shall be placed with the polyisocyanurate side facing down.

Membrane: Sealoflex Pink[®] at 40 ft²/gal followed by Sealoflex Fabric[™] or Sealoflex Deck Fabric[™] with 3" overlaps followed by a saturation coat of Sealoflex Pink[®] and, upon drying, two coats of Sealoflex Finish Coat[™] at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat[™] at a rate of 90 ft²/gal or Coraflex[™] at a rate of 20 ft²/gal.

Maximum Design Pressure: -217.5 psf. (See General Limitations #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(6): Insulation adhered with approved adhesive.

All General and System Limitations apply.

Base and/or Top Insulation Layer: **Minimum 1.5" thick: AC Foam II** applied in Insta-Stik applied in continuous ¾ to 1 in. wide beads 12" o.c.
Or
Minimum 1.5" thick: AC Foam II or Multi-Max FA-3 applied in TITASET® Roofing Adhesive in continuous 3 to 3½ in. wide ribbons 12" o.c.
Or
Minimum 1.5" thick: H-Shield or AC Foam II applied in OlyBond 500 in continuous ¾" to 1" beads 12" o.c.
Or
Minimum 1.5" thick: AC Foam II, ENRGY 3 or H-Shield applied in Weather-Tite One Step Foamable Adhesive in continuous ¼" to ½" beads 12" o.c.

Note: See Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -120 psf (for Insta-Stik or OlyBond 500) (See General Limitation #9)
-217.5 psf (for TITASET® or Weather-Tite One Step Foamable Adhesive)
(See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(7): Insulation adhered with approved adhesive.

All General and System Limitations apply.

Base Insulation Layer (Optional): **Minimum 1.5" thick: AC Foam II, H-Shield or ENRGY 3** applied in Insta-Stik applied in continuous ¾ to 1 in. wide beads 12" o.c.
Or
Minimum 1.5" thick: AC Foam II, AC Foam III, ISO 95+GL or Multi-Max FA-3 applied in TITSESET® Roofing Adhesive in continuous 3 to 3½" wide ribbons 12" o.c.
Or
Minimum 1.5" thick: H-Shield, AC Foam II, ISO 95+ GL or ENRGY 3 applied in OlyBond 500 in ¾" to 1" beads 12" o.c.
Or
Minimum 1.5" thick: AC Foam II, ENRGY 3 or H-Shield applied in Weather-Tite One Step Foamable Adhesive in continuous ¼" to ½" beads 12" o.c.

Top Insulation Layer: **Minimum ¼" thick: DensDeck** applied in one of the following:
1. Insta-Stik in ¾" to 1" beads 12" o.c.
2. TITSESET® Roofing Adhesive in continuous 3 to 3½" wide ribbons 12" o.c.
3. OlyBond 500 in continuous ¾" to 1" beads 12" o.c.
4. Weather-Tite One Step Foamable Adhesive in continuous ¼" to ½" beads 12" o.c.

Note: See Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.
Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.
Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure:
-120 psf (for Insta-Stik and AC Foam II) (See General Limitation #9)
-60 psf (for Insta-Stik and H-Shield or ENRGY 3) (See General Limitation #9)
-262.5 psf (for TITSESET®) (See General Limitation #9)
-120 psf (for OlyBond 500) (See General Limitation #9)
-232.5 psf (for Weather-Tite One Step Foamable) (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(8): Insulation adhered with approved adhesive.

All General and System Limitations apply.

Base Insulation Layer: **Minimum 1" thick: Approved EPS or XPS** applied in one of the following:
1. Insta-Stik in ¾" to 1" beads 12" o.c.
2. TITASET® Roofing Adhesive in continuous 3 to 3½" wide ribbons 12" o.c.
3. OlyBond 500 in continuous ¾" to 1" beads 12" o.c.
4. Weather-Tite One Step Foamable Adhesive in continuous ¼" to ½" beads 12" o.c

Top Insulation Layer: **Minimum ¼" thick: DensDeck** applied in one of the following:
1. Insta-Stik in ¾" to 1" beads 12" o.c.
2. TITASET® Roofing Adhesive in continuous 3 to 3½" wide ribbons 12" o.c.
3. OlyBond 500 in continuous ¾" to 1" beads 12" o.c.
4. Weather-Tite One Step Foamable Adhesive in continuous ¼" to ½" beads 12" o.c

Note: See Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure:
-127.5 psf (for Insta-Stik) (See General Limitation #9)
-120 psf (for OlyBond 500) (See General Limitation #9)
-240 psf (for TITASET®) (See General Limitation #9)
-150 psf (for Weather-Tite One Step) (See General Limitation #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type B: Insulation layer mechanically fastened.

All General and System Limitations apply.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft ²
ACFoam II Minimum 1.5" thick	Any approved fasteners in table 3	1:1.3

Note: Insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Top Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft ²
DensDeck Minimum: ¼" thick	N/A	N/A

Optional top layer of insulation shall be adhered with approved hot asphalt within the EVT range and at a rate of 20-40 lbs/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink® or Sealoflex Pink™ CT at 40 ft²/gal followed by SealoflexFabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® or Sealoflex Pink™ CT and, upon drying, two coats of Sealoflex Finish Coat™ or Sealoflex CT™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -77.5 psf (with no Dens Deck top insulation) (See General Limitations #9)
-85 psf (with Dens Deck top insulation) (See General Limitations #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type C: All layers of insulation simultaneously attached.

All General and System Limitations apply.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft²
Any Approved polyisocyanurate insulation Minimum 1.5" thick	N/A	N/A

Note: All layers shall be simultaneously fastened; see top layer below for fasteners and density.

Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
DensDeck Minimum: 1/4" thick	Any approved fasteners in table 3	1:1.3

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. The insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Insulation fasteners shall be tested for withdrawal resistance in compliance with Testing Application Standard TAS 105 to confirm compliance with the wind load requirements. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: (Optional) Apply Sealobond Primer™ WB to DensDeck at 250 ft²/gal.

Membrane: Sealoflex Pink® or Sealoflex Pink™ CT at 40 ft²/gal followed by SealoflexFabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink® or Sealoflex Pink™ CT and, upon drying, two coats of Sealoflex Finish Coat™ or Sealoflex CT™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -60 psf (See General Limitations #7)



Membrane Type: Liquid Applied Membrane
Deck Type 3: Concrete Decks, Non-insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type F(1): Sealoflex system applied directly to substrate.

All General and System Limitations apply.

Note: Metal Etch Primer™ is required on all unprotected iron and steel and previously painted surfaces.

Primer: Prime concrete decks with one of the following options:

- Sealoment Plus™ at 300 ft²/50# bag. Allow for 24 hour cure.
- Dampseal 101™ at 100 to 150 ft²/gal in two coats.
- Sealobond Primer™ at 250 ft²/gal.

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3” overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -347.5 psf; (See General Limitations #9)

Membrane Type: Liquid Applied Membrane
Deck Type 3: Concrete Decks, Non-insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type F(2): Sealoflex system with Cemflex applied directly to substrate.

All General and System Limitations apply.

Note: Metal Etch Primer™ is required on all unprotected iron and steel and previously painted surfaces.

Surface Treatment: Apply Cemflex Slurry at an application rate of 60 ft²/gal..

Membrane: Sealoflex Pink® at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3” overlaps followed by a saturation coat of Sealoflex Pink® and, upon drying, two coats of Sealoflex Finish Coat™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -347.5 psf. (See General Limitations #9)



Membrane Type: Liquid Applied Membrane
Deck Type 3: Concrete Decks, Non-insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type F(3): Sealoflex CT™ system applied directly to substrate.

All General and System Limitations apply.

Note: Metal Etch Primer™ is required on all unprotected iron and steel and previously painted surfaces.

Primer: Prime concrete decks with one of the following options:

- Sealoment Plus™ at 300 ft²/50# bag. Allow for 24 hour cure.
- Dampseal 101™ at 100 to 150 ft²/gal in two coats.
- Sealobond Primer™ WB at 250 ft²/gal

Membrane: Sealoflex Pink™ CT at 40 ft²/gal followed by Sealoflex Fabric™ or Sealoflex Deck Fabric™ with 3" overlaps followed by a saturation coat of Sealoflex Pink™ CT and, upon drying, two coats of Sealoflex CT™ at a combined rate of 70 ft²/gal.

Surfacing: (Optional) Apply Wearcoat™ at a rate of 90 ft²/gal or Coraflex™ at a rate of 20 ft²/gal.

Maximum Design Pressure: -267.5 psf. (See General Limitations #9)



CONCRETE DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
2. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.

Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.

5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE



NOA No.: 12-0227.04
Expiration Date: 05/02/17
Approval Date: 04/26/12
Page 16 of 16